

D20S108/CCP8 FISH Probe Kit

Introduction

The D20S108/CCP8 FISH Probe Kit is designed to detect the human D20S108 STS marker regions located on chromosome band 20q12, along with the number of chromosome 8 copies per cell. Abnormalities in the D20S108 region are frequently found in myelodysplastic syndrome (MDS), acute myeloid leukemia (AML) and other myeloid disorders. Trisomy 8 is frequently reported in myeloid and lymphoid neoplasias.

Intended Use

To measure the copy number of the human D20S108 STS marker region located on chromosome band 20q12.

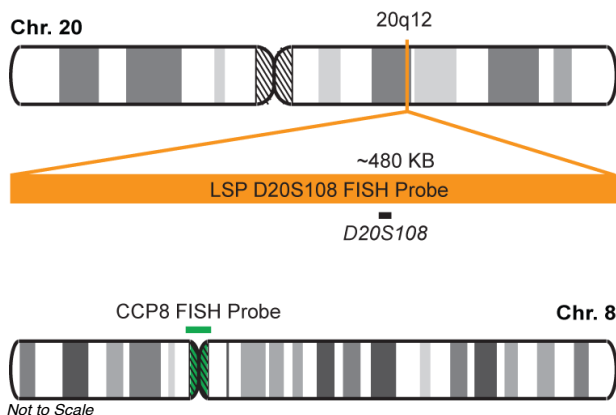
Cont.

LSP D20S108 FISH Probe
CCP8 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP D20S108 FISH Probe covers a chromosomal region around the D20S108 STS marker on chromosome 20. CCP8 FISH Probe, derived from chromosome 8-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 8 copies per cell.

Cat. No.

CT-PAC356-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

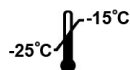
Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
- 3) Smoley SA, et al. *Cancer Genet Cytogenet*. 173(2):144-9 (2007).
- 4) Kwon WK, et al. *Korean J Hematol*. 45(3):171-6 (2010).
- 5) White JS, et al. *Cancer Genet*. 2012 Dec;205(12):644-52 (2012).



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* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.

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